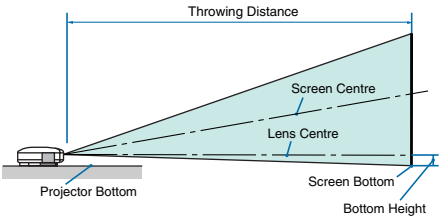


Specifications

		VT695	VT595	VT590	VT490	VT59	VT49
LCD Panel *1		0.63inches p-Si TFT active-matrix with MLA	0.6inches p-Si TFT active-matrix with MLA				
Resolution		XGA (1024 x 768)		SVGA (800 x 600)		XGA (1024 x 768)	
Lens		Manual Focus		Manual (Ratio:1.2)		Digital (Ratio:1.2)	
Lamp		200W DC		150W DC		150W DC	
Lamp Life *2		2000H		2000H		3000H	
Light Output		2500 ANSI lumens (Approx.75% in Eco Mode)		2000 ANSI lumens (Approx.80% in Eco Mode)		1600 ANSI lumens (Approx.80% in Eco Mode)	
Contrast Ratio (White/Black)		35dB		34dB		32dB	
Fan Noise		Normal Mode		Eco Mode		Eco Mode	
Image Size		0.7m to 10.7m		21 to 300 inches		25 to 300 inches	
Projection Distance		0.7m to 10.7m		0.7m to 11.1m		0.9m to 11.0m	
Projection Angle		8.3° to 8.6° (Tele) , 9.9° to 10.3° (Wide)		Full Colour, 16.77Million Colours Simultaneously		UXGA (1600 x 1200)	
Colour Reproduction		Manual/Automatic ±30degrees		Manual ±30degrees		50Hz to 120Hz	
Maximum Resolution		15kHz to 100kHz (RGB : 24kHz or over)		50Hz to 120Hz		RGB : 80MHz/Video : 6.5MHz	
Keystone Correction Vertical		Horizontal		Vertical		1	
Scan Rate		2		1		0.7Vp-p/75Ω positive	
Input Signal Bandwidth		D-Sub Mini 15pin (Computer 1)		DVI-I 29pin (Computer 2)		Audio Input (Sharing with Computer 1&2)	
Input Terminals		Computer Input (VT695/VT595 : 2 Inputs)		D-Sub Mini 15pin (Computer 1)		DVI-I 29pin (Computer 2)	
		D-Sub Mini 15pin (Computer 1)		DVI-I 29pin (Computer 2)		Stereo Mini Jack	
		D-Sub Mini 15pin (Computer 1)		DVI-I 29pin (Computer 2)		Stereo Mini Jack	
		D-Sub Mini 15pin (Computer 1)		DVI-I 29pin (Computer 2)		Stereo Mini Jack	
		D-Sub Mini 15pin (Computer 1)		DVI-I 29pin (Computer 2)		Stereo Mini Jack	
		D-Sub Mini 15pin (Computer 1)		DVI-I 29pin (Computer 2)		Stereo Mini Jack	
		D-Sub Mini 15pin (Computer 1)		DVI-I 29pin (Computer 2)		Stereo Mini Jack	
		D-Sub Mini 15pin (Computer 1)		DVI-I 29pin (Computer 2)		Stereo Mini Jack	
		D-Sub Mini 15pin (Computer 1)		DVI-I 29pin (Computer 2)		Stereo Mini Jack	
		D-Sub Mini 15pin (Computer 1)		DVI-I 29pin (Computer 2)		Stereo Mini Jack	
Output Terminals		Audio output		Stereo L(MONO)/R		Variable Output Level. Selected Computer & Video, S-Video with Audio Signal Output	
Control Terminals		PC Control		Mini DIN-8pin		RS-232C	
Built-In Speaker		Operational Temperatures		Storage Temperatures		5W Monaural	
Environment		Normal Mode		Eco Mode		Standby Mode	
Power Consumption		285W		270W		205W	
Input Current		3.1/1.3A(100/240V AC)		100 to 240V AC, 50Hz/60Hz		2.4/1.0A(100/240V AC)	
Power Requirement		For United States *3		For Canada *3		For Australia/New Zealand *3	
Regulations		For China *3		For Europe		Meets EMC Directive(EN55022, EN55024, EN61000-3-2, EN61000-3-3, EN61000-3-3)	
Net Weight		3.0kg		2.9kg		2.8kg	
Dimensions (WxHxD)		309mm x 112mm x 258mm (Not Including Protrusions)					

*1 : LCD Panel technology consists of fine picture cells with more than 99.99% of the cells being active.
*2 : Lamp life is defined as the average time span for the brightness of the lamp to be reduced by half, it dose not refer to the warranty period for the lamp.
*3 : VT695/VT595/VT590/VT490/VT49 only
All specifications are subject to change without notice.

Throwing Distance and Image Size



VT695					VT595/VT590/VT490/VT59					VT49		
Screen Size (inch)	Throwing distance(m)	Wide	Tele	Bottom Height(cm)	Screen Size (inch)	Throwing distance(m)	Wide	Tele	Bottom Height(cm)	Screen Size (inch)	Throwing distance(m)	Bottom Height(cm)
21	-	0.73	5	5	21	-	0.75	6	6	21	-	6
25	0.72	0.87	5	5	25	0.74	0.90	7	7	25	0.89	7
30	0.87	1.05	6	6	30	0.90	1.09	7	7	30	1.07	7
40	1.17	1.41	9	9	40	1.21	1.46	9	9	40	1.44	9
60	1.77	2.13	13	13	60	1.83	2.20	13	13	60	2.18	13
80	2.37	2.85	17	17	80	2.45	2.94	18	18	80	2.92	18
100	2.97	3.57	22	22	100	3.07	3.69	22	22	100	3.65	22
120	3.57	4.29	26	26	120	3.69	4.43	27	27	120	4.39	27
150	4.47	5.37	32	32	150	4.62	5.54	33	33	150	5.50	33
180	5.37	6.45	39	39	180	5.54	6.66	40	40	180	6.61	40
200	5.97	7.17	43	43	200	6.16	7.40	44	44	200	7.34	44
240	7.17	8.61	52	52	240	7.40	8.89	53	53	240	8.82	53
300	8.97	10.77	65	65	300	9.26	11.12	66	66	300	11.03	66

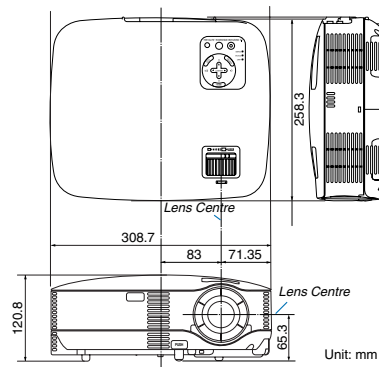
The actual throwing distance may vary within plus or minus 5%. The indicated distance is a design value only.

Remote Control



Dimensions

Although the appearance is slightly different, the VT695, VT595, VT590, VT490, VT59 and VT49 are the same in dimensions.



Soft Case (basic accessory)



Options



KEKI-0611-311RR

for more information
www.nec-pj.com

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Empowered by Innovation



Portable Projector

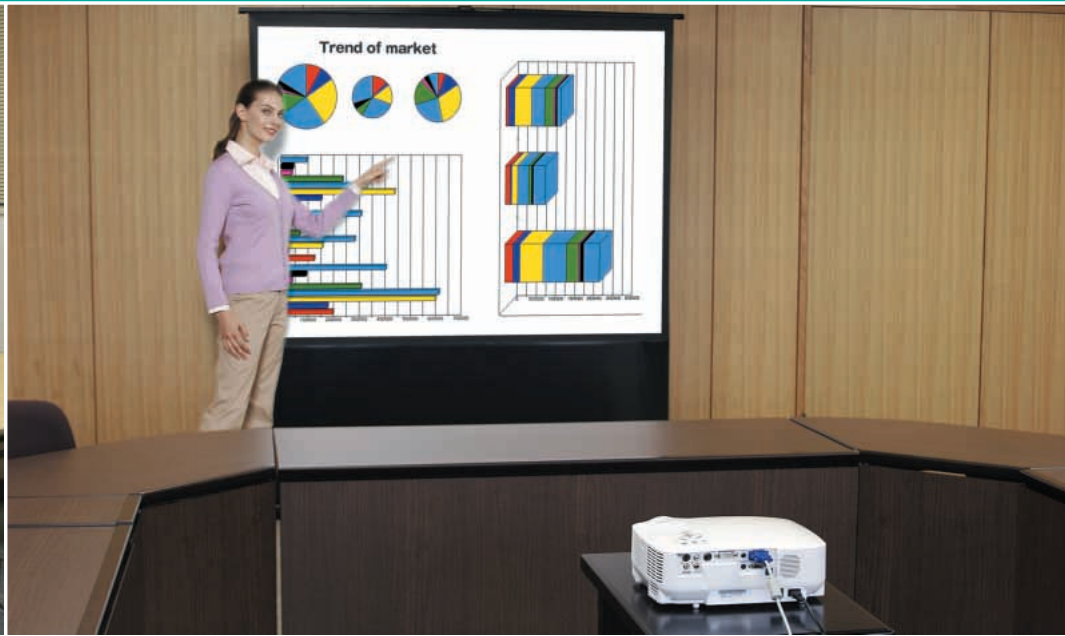
VT695/VT595/VT590
VT490/VT59/VT49

High-performance, cost-effective projector offers easy, multifunction operation perfect for education and business.



- DVI input connector (DVI-I) and HDCP compatible (VT695 and VT595 only)
- Quick start & quick cool down
- Auto Vertical Keystone Correction (VT695 and VT595 only)
- Wall Colour Correction
- Very quiet operation
- Built-in speaker (5W for VT695 / VT595 and 1W for VT590 / VT490 / VT59 / VT49)
- Security function

From Digital Cinema to Mobile Convenience - NEC Projector is the Best Solution



VT695/VT595/VT590 VT490/VT59/VT49

- Easy to Use
- Quick Start
- Quiet Operation

● **DVI input connector (DVI-I) and HDCP compatible (VT695 and VT595 only)**

With the DVI-I input connector (DVI-I), the projector can display digital RGB images. By using the DVI-RGB adapter, analogue RGB signals can be connected from two computers. The DVI-I input connector supports HDCP.

● **Quick start & quick cool down**

Eight seconds after turning on the power, the projector is ready to display PC or video images. Powering down, the fans stop 30 seconds after turning off the power from the remote control or cabinet control panel. The projector can be stored immediately after powering down. The main power for the projector can be turned off by either pressing the main power switch or by unplugging the power cable, even during the cool down period after the projector is turned off.

● **Auto Vertical Keystone Correction adjusts the trapezoidal distortion to correct the projected image (VT695 and VT595 only)**

If the position of the screen is too high or low, the projector must be installed at an angle, resulting in trapezoidal distortion of the projected images. The acceleration sensor built into the main unit senses the inclination of the unit in the vertical direction and then corrects for any trapezoidal distortion in the projected image automatically to project square images (+/- 30 degrees from the projection angle). Projector setup is quick and easy as manual correction is not necessary. Manual vertical Keystone Correction is available on the VT590/VT490/VT59/VT49.



● **Wall Colour Correction for vivid images even without a screen**

Without a screen, projected images are affected because of the colour of the wall or blackboard you are projecting on to. The built-in colour correction for projecting images on a coloured wall or blackboard in this projector means that the colour tones of the projected image is approximate to those that are projected on to a white screen. The following eight colour options are available : blackboard, blackboard (grey), light yellow, light green, light blue, sky blue, light rose, and pink.



● **Very quiet operation in Eco Mode**

Eco Mode operation drops projector noise to 25 dB for very quiet operation (VT59/VT49) and extends the lamp replacement period up to a maximum of 4000 hours (VT59/VT49). In this mode, total cost of ownership can be effectively reduced. The projector can be put in to Eco Mode very easily with a button on the remote control.



● **Auto start**

Turns the projector on automatically when the power cable is inserted into an active power outlet. This eliminates the need to use the POWER button on the remote control or projector cabinet. *To use Auto Start, first set the main power switch to "On" before plugging in the power cable.

● **Built-in speaker for integrated audio solutions**

The built-in monaural speaker (5W for VT695/VT595 and 1W for VT590/VT490/VT59/VT49) on the main unit outputs audio from computer, video, and S-video inputs.

● **Security function prevents unauthorized use or theft**

Password access prevents unauthorized use of the projector. Once the security function is activated, a message requesting the password is displayed when the power of the main unit is turned on. It is not possible to project an image unless the correct password is entered.

● **Carrying handle for easy transport**

The supplied carrying handle can be installed on the main unit for easy transportation. (VT695/VT595/VT590/VT490 only)

● **Remote Mouse Operation**

You can use the supplied wireless remote control and the optional remote mouse receiver to control your PC from across the room. The optional remote mouse receiver (NP01MR) supports almost any PC with a USB connection.



● **Supports component signals**

● **Preset function for setting and storing your favorite colour settings**

● **HDTV (1080i, 720p) and SDTV (576p, 480p) compatibility**

● **Short focal length lens**

Model	Resolution	Brightness	Zoom	Computer Input	Speaker
VT695	XGA	2500 ANSI lumens	Manual Zoom	Analog with DVI-I	5W
VT595	XGA	2000 ANSI lumens	Manual Zoom	Analog with DVI-I	5W
VT590	XGA	2000 ANSI lumens	Manual Zoom	Analog	1W
VT490	SVGA	2000 ANSI lumens	Manual Zoom	Analog	1W
VT59	XGA	1600 ANSI lumens	Manual Zoom	Analog	1W
VT49	SVGA	1600 ANSI lumens	Digital Zoom	Analog	1W

● **Terminal Panel VT695/VT595**



● **Manual Zoom VT695/595/590/490/59**



● **Terminal Panel VT590/VT490/VT59/VT49**



● **Digital Zoom VT49**

